

INTERNATIONAL SEARCH REPORT

International Application No.
EP2004/052378

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D471/04 A61K31/437 A61K31/444 A61P25/00 A61P29/00
A61P31/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/49015 A (TAKE KAZUHIKO ;FUJI SAWA PHARMACEUTICAL CO (JP); TOMISHIMA MASAKI () 24 August 2000 (2000-08-24) cited in the application claims	1,9-14
A	EP 0 125 756 A (FUJISAWA PHARMACEUTICAL CO) 21 November 1984 (1984-11-21) cited in the application claims; examples 16,17	1,9-14
A	DE 25 04 252 A (HAESSLE AB) 21 August 1975 (1975-08-21) cited in the application claims; example 25	1,9-14
-/--		

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *&* document member of the same patent family

Date of the actual completion of the international search

23 November 2004

Date of mailing of the international search report

15/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Bosma, P

INTERNATIONAL SEARCH REPORT

International Application No
EP2004/052378

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X, P	WO 03/080607 A (ALTANA PHARMA AG) 2 October 2003 (2003-10-02) cited in the application claims 1,2,7-12	1,9-14

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP2004/052378

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 13, 14
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 13 and 14 are directed to a method of treatment of the human/animal body (Article 52(4) EPC), the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/052378

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0049015	A	24-08-2000	AU 2460700 A	04-09-2000
			EP 1157022 A1	28-11-2001
			WO 0049015 A1	24-08-2000
			JP 2002537298 T	05-11-2002
			US 6521643 B1	18-02-2003
EP 0125756	A	21-11-1984	AU 2587384 A	27-09-1984
			DK 110384 A	23-09-1984
			EP 0125756 A2	21-11-1984
			ES 8506001 A1	16-10-1985
			FI 841082 A	23-09-1984
			GR 79774 A1	31-10-1984
			JP 59176277 A	05-10-1984
			NO 841106 A	24-09-1984
			US 4563455 A	07-01-1986
			ZA 8401393 A	31-10-1984
DE 2504252	A	21-08-1975	SE 418966 B	06-06-1981
			AT 343659 B	12-06-1978
			AT 113775 A	15-10-1977
			AU 499639 B2	26-04-1979
			AU 7820675 A	19-08-1976
			BE 825655 A1	18-08-1975
			CA 1060448 A1	14-08-1979
			CH 616160 A5	14-03-1980
			CS 194715 B2	31-12-1979
			DD 119422 A5	20-04-1976
			DE 2504252 A1	21-08-1975
			DK 54075 A ,B,	20-10-1975
			FI 750421 A ,B,	19-08-1975
			FR 2261007 A1	12-09-1975
			GB 1500043 A	08-02-1978
			HK 67080 A	05-12-1980
			HU 172141 B	28-06-1978
			IE 40858 B1	29-08-1979
			JP 1255955 C	12-03-1985
			JP 50116474 A	11-09-1975
			JP 59024157 B	07-06-1984
			LU 71872 A1	09-12-1975
			MY 20881 A	31-12-1981
			NL 7501917 A	20-08-1975
			NO 750541 A ,B,	19-08-1975
			SE 7402101 A	19-08-1975
			SE 434267 B	16-07-1984
			SU 795476 A3	07-01-1981
			US 4045564 A	30-08-1977
			ZA 7500558 A	28-01-1976
WO 03080607	A	02-10-2003	WO 03080607 A1	02-10-2003